

## Optical disk device

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**Abstract of CN 1197530 (A)**

A high-speed large capacity file system is build in which the track density is improved by applying a highly precise magnetic domain width control technique to a light pulse-irradiated magnetic fieldmodulation magnetooptical disk device which can be overwritten and is suitable for the improvement of the bit density. For the purpose, bipolar magnetic domains having edges of positive and negative polarities with respect to the direction of movement of a light spot are formed and the recording condition is optimized. Normal recording is carried out on the basis of the result of the optimization of the recording condition.

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